Testing Status for RV Refueling Systems

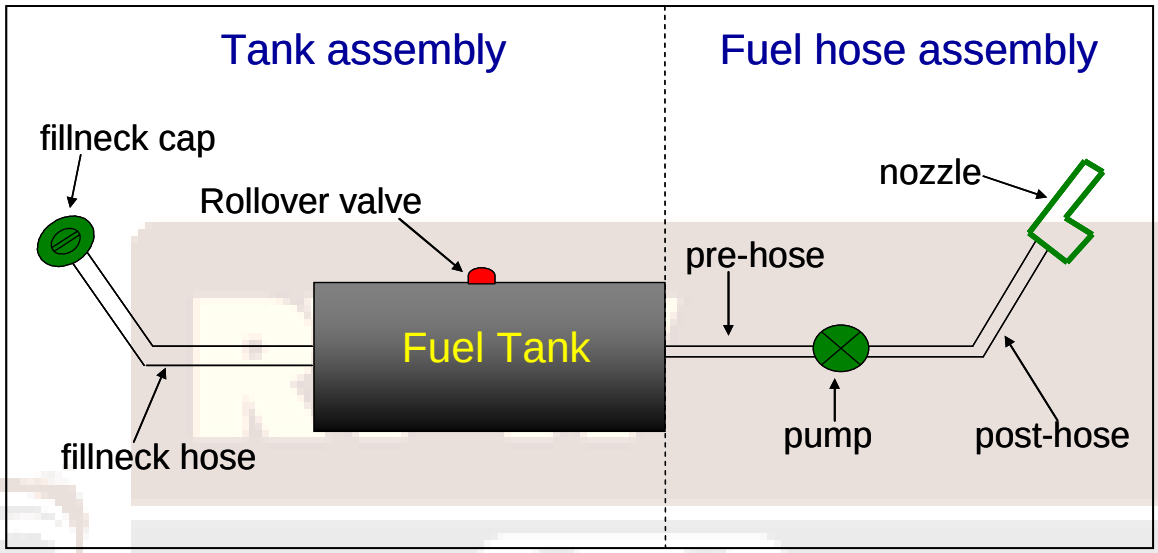
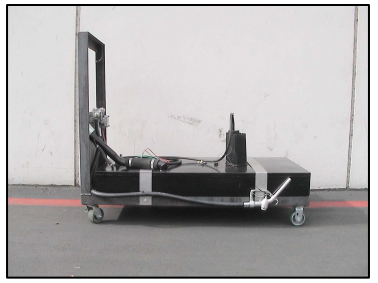


Figure 1. Schematic structure of RV refueling systems.

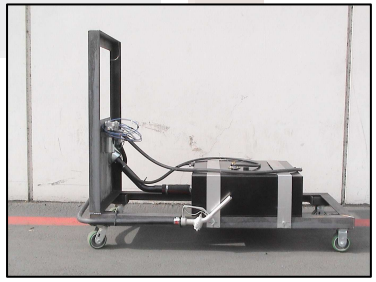
(√) test done,
(X) test not done

Refueling system #1 with metal tank:



- Background test (√)
- Presoak test of the refueling system (√)
- Postsoak test of the refueling system (√)
- Control test (canister only) of the refueling system (4 times) (√)
- Test of the tank assembly only (√)
- Test on the fillneck hose only (√)
- Test on the hose assembly only (√)
- Pressure measurement inside the refueling system during diurnal test (X)
  Literature data: Gasoline RVP 7, vapor pressure P_{VA} (psi)=3.5~7.4
- Control test of the refueling system (X)

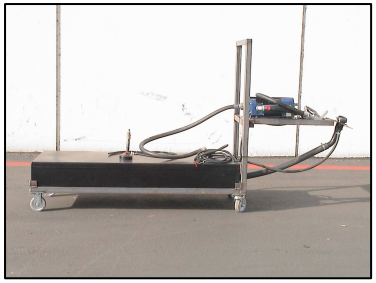
Refueling system #2 with metal tank:



- Background test (√)
- Presoak test of the refueling system (√)
- Postsoak test of the refueling system (√)
- Carbon canister passive purge monitoring test (√)
- Test on the hose assembly only (X)
- Test on the tank assembly only (X)
- Test on the fillneck hose only (X)
- Controlled technology test of the refueling system (X)

(√) test done,
(X) test not done

Refueling system #3 with metal tank:

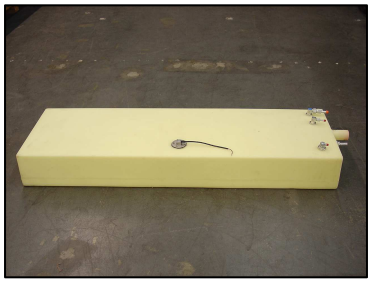


- Background test (√)
- Presoak test of the refueling system (√)
- Postsoak test of the refueling system (√)
- Test on the hose assembly only (√)
- Test on the tank assembly only (X)
- Test on the fillneck hose only (X)
- Control test of the refueling system (X)

Plastic fuel tank #4:

- Background test (√)
- Presoak test on the tank (X)
- Postsoak test on the tank (X)
- Control test of the fuel tank (X)

Plastic fuel tank #5:



- Background test (√)
- Presoak test of the tank (X)
- Postsoak test of the tank (X)
- Control test of the fuel tank (X)

(√) test done,
(X) test not done